



FACT SHEET: P³ Award – A Student Design Competition for Sustainability

To respond to the scientific and technical needs of the developed and developing world in moving toward sustainability, EPA and its partners* launched the **P³ Award**. This national student design competition will enable college students to research, develop and design sustainable solutions to environmental challenges.

WHAT IS P³? P³ is what's next; it's the next step beyond P²--pollution prevention--and highlights the three components of sustainability: *People, Prosperity* and the *Planet*.

WHAT IS THE P³ AWARD? The award will be the culmination of a competition giving college students an opportunity to research, develop and design solutions to scientific and technical challenges to sustainability around the world.

WHAT IS THE FOCUS OF THE AWARD? Challenges from a wide range of categories will be considered. These include water quality and quantity, energy production and distribution, green chemistry and engineering, biotechnology, conservation of materials and energy, product design, mobility, information technology, and delivery of resources (i.e., educational, medical, etc.). Challenges related to population growth and medical care are not included in this competition.

WHO IS ELIGIBLE TO APPLY? The competition is open to teams of undergraduate and/or graduate students attending U.S. colleges, universities and other post-secondary educational institutions. Applicants (both student team members and faculty advisors) must be citizens of the United States or its territories or be lawfully admitted to the United States. Students must be enrolled in the college, university, or post-secondary educational institution they will be representing.

HOW TO APPLY: Application procedures and materials can be found at <http://www.epa.gov/P3>.

APPLICATION REVIEW: Applications to compete for the **P³ Award** will be evaluated by a peer review panel based on the criteria of: problem definition; innovation and technical merit; connections to sustainability (P³); measurable results, evaluation method, implementation strategy; and integration of competition as an educational tool. Final selections will be made by EPA.

WHEN WILL THE AWARDS BE MADE? There are two phases to the **P³ Award** process. In Phase I, up to 50 student design projects, each with a \$10,000 grant, will be supported during the 2004-2005 academic year for research and development of their sustainable design. Phase II begins in spring 2005, when the teams will be invited to bring their designs to Washington, D.C. to compete for the **P³ Award**. The National Academies will convene a panel to judge the competition. **P³ Award** winners may apply for additional funds from EPA, who will match contributions from partner organizations to help further develop the design, implement the project in the field, and move to the marketplace.

* listing of partners on back

P³ Award partners currently include 35 organizations from government, industry and

non-governmental organizations participating in the implementation of the competition:

Government

White House Council on Environmental Quality
White House Office of Science and Technology Policy
National Science Foundation
US AID

Industry

DaimlerChrysler
Dell
Herman Miller
Hewlett-Packard
Nexant
US Business Council for Sustainable Development

Non-Governmental Organizations (NGOs)

Association of American Geographers
American Chemical Society
American Institute of Chemical Engineers
American National Standards Institute
American Society for Engineering Education
American Society of Civil Engineers
American Society of Mechanical Engineers
Association of Environmental Engineering and Science Professors
Association of University Leaders for Sustainable Future
Education for Sustainability Western Network
Engineers Forum for Sustainability
Engineers without Borders
Engineers Without Frontiers
Global Environment and Technology Foundation
Green Chemistry Institute
Industrial Design Society of America
Institute for Electrical and Electronics Engineers
Institute for Society, Ecology, and Environment
Massachusetts Toxics Use Reduction Institute
National Academy of Engineers
National Center for Manufacturing Sciences
National Council for Science and the Environment
US Green Buildings Council
WERC
World Resources Institute

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